

- 1773 SEP 25 PM 2 Bocket: 0756-1173

BOARD OF PATENT APPEALS AND INTERFERENCES

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT application of	)
Masaaki HIROKI et al.	) Art Unit: 2774
Serial No. 08/372,899	) Examiner: L. Lao
Filed: January 17, 1995	)
For: FLECTRO-OPTICAL DEVICE	) Date: September 11 1998

# REQUEST FOR AMENDMENT OF INVENTORSHIP IN ACCORDANCE WITH 37 C.F.R. 1.48(a)

Honorable Assistant Commissioner for Patents 09/18/1998 ANDHAMME 00000037 08372899 Washington, D.C. 20231

01 FC:122

Sir:

GROUP 2700

It is hereby requested that the subject application be amended in accordance with 37 C.F.R. 1.48(a) to name the actual inventors of the invention of the subject application.

Accordingly, submitted herewith is a statement under 37 C.F.R. 1.48(a)(1) from Shunpei Yamazaki, who is being added as an inventor, that the inventorship error in the subject application occurred without any deceptive intention on his part.

Moreover, submitted herewith, in accordance with 37 C.F.R. 1.48(a)(2), is a declaration by the actual inventors.

Also submitted herewith in accordance with 37 C.F.R. 1.48(a)(4) is a

Docket: 0756-1173

written consent from the assignee of the subject application agreeing to the change of inventorship in the application.

Finally, submitted herewith in accordance with 37 C.F.R. 1.48(a)(3) is the fee set forth in 37 C.F.R. 1.17(i) in the amount of \$130.00. The Patent Office is hereby authorized to charge any additional fees that might be required with respect to this request to Deposit Account No. 19-2380 (0756-1173). Hence, also submitted herewith is a duplicate copy of this paper.

Accordingly, it is submitted that this request is in order and should be granted.

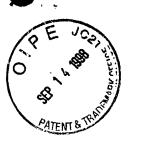
Respectfully submitted,

Gerald J. Ferguson, Tr.

Registration No. 23,016

Sixbey, Friedman, Leedom & Ferguson, P.C. 2010 Corporate Ridge, Suite 600 McLean, Virginia 22102

(703) 790-9110



Docket: 0756-1173

	IN THE UNITED STATES PATENT AND	Γ (	RADEMARK OFFICE
In re P	PATENT application of	)	
Masaal	ki HIROKI et al.	)	Art Unit: 2774
Serial	No. 08/372,899	)	Examiner: L. Lao
Filed:	October 17, 1995	)	
For:	ELECTRO-OPTICAL DEVICE	)	

- 1 -

### STATEMENT UNDER 37 C.F.R. 1.48(a)(1)

Honorable Assistant Commissioner for Patents

Washington, D.C. 20231

Sir:

I, Shunpei Yamazaki, hereby state that the inventorship error in the subject application occurred without any deceptive intention on my part.

July 21, 1998

Date

Shunpei Yamazaki



Docket: 0756-1173

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT application of	)
Masaaki HIROKI et al.	) Art Unit: 2774
Serial No. 08/372,899	) Examiner: L. Lao
Filed: October 17, 1995	)
For: ELECTRO-OPTICAL DEVICE	)

#### **STATEMENT UNDER 37 C.F.R. 1.48 (a)(4)**

Honorable Assistant Commissioner for Patents

Washington, D.C. 20231

Sir:

I, Shunpei Yamazaki, having a place of business at Semiconductor Energy laboratory Co., Ltd., 398 Hase Atsugi-shi, Kanagawa-ken, 243-0036 Japan, state that I am authorized to sign on behalf of the assignee of the subject application. The entire right, title and interest in the above-identified application is in the name of Semiconductor Energy Laboratory Co., Ltd. by virtue of an Assignment recorded in the U.S. Patent and Trademark Office at Reel 6092, Frame 0663.

Semiconductor Energy Laboratory Co., Ltd. hereby consents to the change of inventorship in the subject application adding Shunpei Yamazaki as an inventor in the subject application.

Name: Shunpei Yamazaki

Title: President

Company Name: Semiconductor Energy Laboratory Co., Ltd.

PTC/SB/108 (8-08) proved for use through 900/98. ONE 0651-0002 art Ciffer, U.S. DEPARTMENT OF COMMERCE

nd to a collection of information unless & displays a valid CMB control number. Under the Paperwork Reduction Act of 1995, no persons are n

## Declaration and Power of Attorney For Patent Application

#### 特許出頭宣言事及び委任状

#### Japanese Language Declaration

#### 日本語宣言事

As a below narr...d inventor, I hereby decia: "hat: でつか氏名の条明者として、私は八下の通り宣言します。 My residence, post office address and citizenship are as stated 私の住所、私言酒、国籍は下記の私の氏名の後に記載され mest to my name. た通りです。 I believe I am the original, first and sole inventor (If only one name 下記の名称の発明に関して請求宣曲に記載され、特許出版 is listed below) or an original, first and joint inventor (if plural している法明内容について、私が最初かつ唯一の先明者(下 names are listed below) of the subject matter which is claimed and 記の氏名が一つの場合)もしくは最初かつ共间発明者である for which a patent is sought on the invention entitled と(下記の名称が複数の場合)信じています。 ELECTRO-OPTICAL DEVICE the specification of which is attached hereto unless the following L. 記念明の明細書(下記の欄でx印がついていない場合は、 box is checked: 本書に添付)は、 was filed on January 17, 1995 \_ 月 \_ 日に提出され、米国出貿番号さたは特許協定条約 as United States Application Number of 国際出版番号を\_\_\_\_とし、 PCT International Application Number (塩当する場合) \_\_\_\_\_ に訂正されました。 08/372,899 and was amended on 10/25/1995; (if applicable). 07/15/1996 I hereby state that I have reviewed and understand the contents of 私は、特許請求範囲を含む上記訂正後の明細書を検討し、 the above identified specification, including the claims, as 内容を理解していることをここに表明します。 amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to 私は、連邦規則法典第37編第1条56項に定義されると patentability as defined in Title 37. Code of Federal Regulations, おり、特許資格の有無について重要な情報を開示する義務が Section 1.56. あることを認めます。

Page 1 of 3

Burden Hour Statement: This form is estimated to take 0.4 hours to commists. Time will vary depending upon the needs of the individual case. Any comm emain of time you are required to complete this form should be sent to the Chief Information Officer. Petent and Trademark Office, Washington, DC 20231, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner of Petents and Trademarks, Washington, DC 20231.

## Under the Paperwork Reduction Act of 1995, no persons are required to respond to a codection of information unless it displays a valid CM8 control number.

#### Japanese Language Declaration (三本語宣言書)

起性、尖国性病原3.5億1.1.9条(a)-(d) 特灵性3.6.5条 (4) 独に基さ下記の、 東 国以外の国の少なくとも一コ国を請 足している中原協力条約 3 6 5 (a) 労に基づく月間出離、又 世外国での長済出離もしく世発明が花の出離についての外国 展売機をここに出張するとともに、展売機を出張している。 本出島の前に出聞された崇拝さたは発明が従の外国出題を以 でに、神内をマークすることで、示しています。

Prior Foreign Application(s)

赤国での元行出離 3-77317	Japan
(Number) 3-77320	(Cauntry) ( <b>国名</b> ) Japan
(Number) (多号)	(Country) (国名)

起、1、第35 基米国法典119条(e) 項に至いて下記の米 医特許出盟党定に正載された福利をここに正受いたします。

(Filing Cate) (Application No.) (出置日) (出廣番号)

私は、下記の米国法典第35第120条に基いて下記の米 国神許出版に記載された権利。 又は米国を指定している特許 塩ガ桑約3 5 5 条 (c) に基ずく権利をここに立受します。ま た。本出版の各請求範囲の内容が米国法典第35号112条 第1項又は神許協力条約で規定された方法で先行する米国特 許出還に謂示されていない限り、その先行米国出盟管提出日 以孫で本出版書の日本国内または帝許協力条約国際提出日宝 での期間中に入手された、選邦規則法典第37第1条56項 で定義された特許安格の有無に関する重要な情報について関 示義務があることを認識しています。

07/993,391	12/18/1992
(Application No.)	(Filing Date)
(出題音号)	(出題日)
07/837,394	02/18/1992
(Application No.)	(Filling Date)
(브로플+)	( <b>出起</b> 日)

私は、私自身の知識に基づいて本意言言中で私が行なう表 明が真実であり、かつ私の入手した情報と私の信じるところ に基ずく芸術が全て真実であると信じていること、さらに意 意になされた虚偽の表明及びそれと同等の行為は米国法典第 18編第1001条に基督さ、罰金当たは拘禁、もしくはそ の両方により処罰されること。そしてそのような故意による 虚偽の声明を行なえば、出頭した、又は既に許可された特許 の名効性が失われることを認識し、よってここには足のごと く宣誓を致します。

I hereby claim foreign priority under Title 25, United States Code, Section 119 (a)-id) or 365(b) of any foreign application(s) for patent or inventor's certificate, or ISS(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's cardificate, or PCT international application having a filling date before that of the application on which priority is claimed.

**Priority Not Claimed** 正夫定当要なし

February 16. 1991 (Day/Month/Year Filed) (出類年月日) February 16, 1991 (Day/Month/Year Filed) (出置年月日)

I hereby claim the benefit under Title 35. United States Code. Section 119(e) of any United States provisional application(s) listed below.

(Filing Date) (Application No.) (出題目) (岩石田子)

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s), or 385(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of Title 35. United States Code Section 112. acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56 which became available between the filing date of the prior application and the national or PCT international filling date of application.

Abandoned (Status: Patented, Pending, Abandoned) (現況: 特許許可茨、係属中、放養済) Patented - 5,200,846 (Status: Patented, Pending, Abandoned) (現況: 特許許可诱、保護中、致漢淸)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by line or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued

## Under the Paperwork Reduction Act of 1995, his persons are required to respond to a collection of information unless it displays a resid CMB control mander. Japanese Language Declaration

(老室室室本王)

是性,采回性表示3.5 種 1.1.9 축 (a) -(d) 特天性3.6 5 套 (5) 後に至さ下記の。 米 海瓜赤の国の少なくとも一つ国を請 足している中部協力条約 3 5 5 (a) 特に基づく温度出離。又 に非国での元評出職もしくに発明で征の出層についての刑事 接元機をここに 4基でるとともに、接元権を4基している。 本出着の前に出着された特殊さたにも内介征の外国出籍を以 でに、声吹をマークすることで、示しています。

Prior Foreign Application(s)

赤垣での元行出車 3-77321 Japan (Cauntry) (Number) (国名) Japan (Cauntry) (Number) (国名) (李令)

利、1、第35 岩米国法典119条 (e) 項に基いて下記の米 国語評出類規定に記載された推利をここに立受いたし生す。

(Application No.)

(Filing Date)

(出草品) (学器取出)

私は、下記の米国法典第35届120条に基いて下記の米 国神寺出身に記載された推利、 又は米国を指定している神寺 塩力条約3.6.5.条(c)に基ずく権利をここに立受します。ま た、本出版の各請求範囲の内容が米国法典第35届112条 第1項又は神許盛力条約で規定された方法で先行する米国特 許出重に調示されていない限り、その先行米国出重管提出日 以係で不出載者の日本国内さたに特許協力条約国際提出日世 での期間中に入事された。選邦規則選兵第37萬1条5.6項 で定益された特許資格の有無に関する重要な情報について調 示義務があることを認識しています。

(Filing Cate) (Application No.) (出籍日) (出席番号) (Filing Date) (Application No.) (出離日) (出題季号)

私は、私自身の知識に基づいて本理言言でで乱が行なう表 明が真実であり、かつ私の入手した情報と私の信じるところ に基ずく云明が全て其実であると信じていること、さらに故 意になられた虚偽の表明及びそれと同等の行為に米国色男子 18編第1001条に基ザき、罰金当たは拘禁、もしくはそ の両方により処罰されること、そしてそのような故意による 虚偽の声明を行なえば、出難した、又は既に許可された特許 の名類性が失われることを認識し、よってここに同記のごと く主答を致します。

Thereby claim foreign priority under Title 15. United States Code. Section 119 (a)-d) or ISS(b) of any foreign application(s) for patent or inventor's certificate, or 165(a) of any PCT international application which designated at least one country other than the United States, listed below and have also dentified below, by checking the nox, any foreign application for patent or inventor's certificate, or PCT international application having a filling date before that of the application on which priority is claimed.

Priority Not Claimed 要決権当長なし

February 16, 1991 (Cay/Month/Year Filed) (出席年月日) March 27, 1991 (Day/Month/Year Filed) (出盤年月日)

I hereby claim the benefit under Title 15. United States Code, Section 119(e) of any United States provisional application(s) listed below.

> (Application No.) (学春電光)

(Filing Cate)

(出震日)

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s), or 185(c) of any PCT international application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PGT International application in the manner provided by the first paragraph of Title 35. United States Code Section 112. acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56 which became available between the filing date of the prior application and the national or PCT international filling date of application.

> (Status: Patented, Pending, Abandoned) (現記: 特許許可濟、係為中、放表濟)

> (Status: Patented, Pending, Abandoned) (現況: 特許許可諾、係基中、致漢語)

I hereby deciare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1881 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a codection of information unless it displays a valid CMS control marrier.

#### Japanese Language Declaration (巨本語宣言書)

乱に、東国進馬第33番:19条(a)-(d) 現天に365条 (4) 役に基さ下記の、 米 海以外の国の少なくとも一つ国を派 定している音圧進力条約 3.6.5 (a) 資に基づく国際出離。又 に外国での存済出離もしくに発明者征の出窟についての外国 接来権をここに必要するとともに、接来権を必要している。 本出却の前に出聞された許許主たはその不証の外国出題を以 でに、神内をマークすることで、示しています。

Prior Foreign Application(s)

外国での元行出職 3-89540 Japan (Country) (Number) (国名) (学者) (Country) (Number) (国务) (番号)

利、1、第35星米国法典119条 (e) 項に基いて下記の米 国詩評出盟規定に記載された権利をここに主要いたします。

(Filing Date) -(Application No.) (出題日) (出廣番季)

私は、下記の米国法典第35編120条に基いて下記の米 国特許出層に記載された権利、 又は米国を指定している特許 協力条約365条(c)に基ずく権利をここに立受します。ま た、木出版の各頭水道田の内容が米国法典第35届112条 第1項又は特許協力条約で規定された方法で先行する米国特 許出頭に顕示されていない限り、その先行米国出頭管提出日 以及で本出版書の日本国内生たは特許協力条約国際提出日本 での期間中に入手された、選邦規則法典第37期1条56項 で定益された特許資格の有無に関する重要な情報について調 示義務があることを認識しています。

(Filing Date) (Application No.) (出類日) (出題番号) (Filing Date) (Application No.) (出麗日) (出席李号)

私は、私自身の知識に基ずいて本室常言中で私が行なう要 明が真実であり、かつ私の入手した情報と私の信じるところ に基ずく云明が全て真実であると信じていること、さらに故 意になされた虚偽の表明及びそれと同等の行為に米国法典第 18編第1001条に基ずき、罰金生たは拘禁、もしくはそ の両方により処罰されること、そしてそのような故意による 虚偽の声明を行なえば、出頭した、又は既に許可された特許 の有効性が失われることを認識し、よってここには定のごと く宣誓を致します。

I hereby claim foreign priority under Title 35, United States Code, Section 119 (a)-(d) or IES(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's cartificate, or PCT International application having a filing date before that of the application on which priority is claimed.

**Priority Not Claimed** 接去権当基なし

March 27, 1991 (Day/Month/Year Filed) (出類年月日) (Day/Month/Year Filed) 

(出職年月日)

I hereby claim the benefit under Title 15. United States Code, Section 119(e) of any United States provisional application(s) listed below.

> (Filing Date) (Application No.) (出題日) (出國番号)

I hereby claim the benefit under Title 35, United States Code. Section 120 of any United States application(s), or 285(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code Section 112. I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of application.

> (Status: Patented, Pending, Abandoned) (現況: 特許許可済、係属中、放棄済)

> (Status: Patented, Pending, Abandoned) (現況: 特許許可済、係属中、放薬済)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the ilke so made are punishable by fine or imprisonment, or both, under Section 1991 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

250 THROUGH 9/30/58. OMB 0651-0032 MX Office: U.S. DEPARTMENT OF COMMERCE

Under the Pagerwork Reduction Act of 1995, no persons are required to respond to a colection of information unless it displays a walld GMB control number.

#### Japanese Language Declaration (日本語宣言書)

委任状: 私は下記の発明者として、本出額に関する一切の 手続きを米特許商謀局に対して遂行する弁理士士だは代理人 として、下記の者を指名いたします。(弁護士、または代書 入の氏名及び登録番号を明記のこと)

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application, and transact all business, in the Patent and Trademark Office connected therewith (list name and registration number)

Daniel W. Sixbey, (Reg. No. 20,932) Gerald J. Ferguson, Jr. (Reg. No. 23,016) David S. Safran (Reg. No. 27,997)

Stuart J. Friedman (Reg. No. 24.312)

Charles M. Leedom, Jr. (Reg. No. 26,477)

Joan K. Lawrence (Reg. No. 29,940) Evan R. Smith (Reg. No. 35,683)

Donald R. Studebaker (Reg. No. 32,315) Jeffrey L. Costellia (Reg. No. 35,483)

Thomas W. Cole (Reg. No. 28,290)

Tim L. Brackett (Reg. No. 36,092) Send Correspondence to:

Eric J. Robinson (Reg. No. 38,285)

言類造付元

SIXBEY, FRIEDMAN, LEEDOM & FERGUSON, P.C. 2010 Corporate Ridge, Suite 600 McLean Virginia 22102

SIXBEY, FRIEDMAN, LEEDOM & FERGUSON, P.C. 2010 Corporate Ridge, Suite 600 McLean Virginia 22102

正言言語に対策:(名前及び言語音号)

(第三以降の共同発明者についても同様に記載し、署名をす

ること)

Gerald J. Ferguson, Jr. (703)-790-9110

Birect Telegrane Calls to: (name and telegrane number;

Gerald J. Ferguson, Jr. (703) 790-9110

(Supply similar information and signature for third and

subsequent joint inventors.)

唯一言之に第一発明者		Full name of sole or first inventor	
30375		Masaaki HIROKI	
登明者の書名	日行	Inventor's signature	Date
元明者の者名		morach Kimpi	September 2, 1998
<b>住所</b>		Residence	
		Kanagawa, Japan	
<b>空</b> 辑		Citizenship	
		Japanese	
私書箱		Post Office Acaress	
		c/o SEMICONDUCTOR ENERGY	LABORATORY CO., LTD.
		398, Hase, Atsugi-shi, K	
第二共同発明者		Full name of second joint inventor	, if any
		Akira MASE	
	日付	inventor's signature	Date
		Skira Mase	August 24, 1998
<b>位所</b>		Residence	
		Aichi, Japan	
25		Citizensnip	
		Japanese	
込 善痛		Post Office Address	
_		c/o SEMICONDUCTOR ENERGY	LABORATORY CO., LTD.
		398, Hase, Atsugi-shi, K	anagawa-ken 243-0036 Japan

Page 3 of 3a

Please see attached page 3a for names, addresses and signatures of additional inventors, if any.

· ·			
第三共同発明者	<del></del>	Full name of third joint inventor, if any	
		Shunpei YAMAZAKI	
発明者の署名	日付	Inventor's signature	Date
		The wardy Sept.	ember 3, 199
住所		Residence	
		Tokyo, Japan	
		Citizenship	
		Japanese Post Office Address	
私書箱	Post Office Address		
		c/o SEMICONDUCTOR ENERGY LABORATORY CO., LTD.	
		398, Hase, Atsugi-shi, Kanagawa-ken 24	3-0036 Japan
		Full name of fourth joint inventor, if any	
第四共同発明者		r di name or tourth joint inventor, ir any	
発明者の署名	日付	Inventor's signature	Date
•			
住所		Residence	
·			
国籍		Citizenship	· <del></del>
		•	
私書箱		Post Office Address	
私會相			
•			
第五共同発明者	<u> </u>	Full name of fifth joint inventor, if any	
3,23,(14,00,1)			
発明者の署名		Inventor's signature	Date
光明石の著名		mromor o orginatoro	
		Residence	
住所		Residence	
国籍		Citizenship	
私書箱		Post Office Address	
第六共同発明者		Full name of sixth joint inventor, if any	
発明者の署名		Inventor's signature	Date
	<del></del>	Residence	
FR 422		Citizenship	
		Ontending	
私書箱		Post Office Address	•